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| Substitute for form 1449, <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br>(use as many sheets as necessary) |   | <b>Complete if Known</b><br>Application Number: 09/943,215<br>Filing Date: August 30, 2001<br>First Named Inventor: Sheng-Zhi Pang<br>An Unit: 1638<br>Examiner Name: A. Kubelik<br>Attorney Docket Number: 19603/1559 (CRF D-2052C) |   |
| Sheet   | 1 | of   | 1 |

| U.S. PATENT DOCUMENTS          |                       |  |  |                                |  |   |
|--------------------------------|-----------------------|--|--|--------------------------------|--|---|
| Examiner Initials <sup>1</sup> | Cite No. <sup>2</sup> | U.S. Patent Document                       |  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                                |                       | Number - Kind Code <sup>3</sup> (if known) |  |                                |  |   |
| ARC                            | 1                     | US-5,569,823                               |  | 10-29-1996                     | Schreier et al.                                    | —   |
| ARC                            | 2                     | US-6,002,072                               |  | 12-14-1999                     | McMaster et al.                                    | —   |
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| FOREIGN PATENT DOCUMENTS       |                       |   |                                   |                             |   |   |                |
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| Examiner Initials <sup>1</sup> | Cite No. <sup>2</sup> | Foreign Patent Document                       |                                   | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>4</sup> |
|                                |                       | Country Code <sup>3</sup> Number <sup>3</sup> | Kind Code <sup>3</sup> (if known) |                             |   |   |                |
| ARC                            | 3                     | WO 96/21019                                   |                                   | 07/11/96                    | Asgrow Seed Co.                                 |   |                |
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|                                |                       |   |                                   |                             |   |   |                |
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| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---|-----------------------|---|----------------|
| Examiner Initials <sup>1</sup>                    | Cite No. <sup>2</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>4</sup> |
| ARC   | 4                     | Chuang et al., "Specific and Heritable Genetic Interference by Double-Stranded RNA in <i>Arabidopsis thaliana</i> ," <i>PNAS</i> 97(9):4985-4990 (2000)   |                |
|   | 5                     | Levin et al., Methods of Double-Stranded RNA-Mediated Gene Inactivation in <i>Arabidopsis</i> and Their Use to Define an Essential Gene in Methionine Biosynthesis," <i>Plant Molecular Biology</i> 44:759-775 (2000)   |                |
|   | 6                     | Smith et al., "Transgenic Plant Virus Resistance Mediated by Untranslatable Sense RNAs: Expression, Regulation, and Fate of Nonessential RNAs," <i>The Plant Cell</i> 6:1441-1453 (1994)  |                |
| ARC   | 7                     | Senior, "Uses of Plant Gene Silencing," <i>Biotechnology and Genetic Engineering Reviews</i> 15:79-119 (1998)   |                |

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|--|--------------------------|
| Examiner Signature: <i>[Signature]</i> | Date Considered: 9/30/03 |
|--|--------------------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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